Biology and Philosophy **12:** 601–604, 1997.

Contents of Volume 12

Volume 12 No. 1 January 1997

DOUGLAS J. BUEGE / An Ecologically-informed Ontology for Environmental Ethics 1–20

DAVID MAGNUS / Heuristics and Biases in Evolutionary Biology 21–38

DAVID RESNIK / Adaptationism: Hypothesis or Heuristic? 39–50

WILLIAM S. ROBINSON / Some Nonhuman Animals Can Have Pains in a Morally Relevant Sense 51–71

Reviews:

MICHAEL BRADIE / Darwin and the Animals 73–88

JOHN COLLIER / Looking beyond the Veil of Natural Selection 89–99

LINDLEY DARDEN / Discovering Complexity 101–107

YRJÖ HAILA / Trivialization of Critique in Ecology 109–118

ELIAS L. KHALIL / Organism and Organization 119–126

THOMAS NICKLES / Methods of Discovery 127–140

Booknotes 141–147

Volume 12 No. 2 April 1997

WILLEM DE WINTER / The Beanbag Genetics Controversy: Towards a Synthesis of Opposing Views of Natural Selection 149–184

ELIAS L. KHALIL / Economics, Biology, and Naturalism: Three Problems Concerning the Question of Individuality 185–206

JAMES MAFFIE / "Just-so" Stories About "Inner Cognitive Africa": Some Doubts About Sorensen's Evolutionary Epistemology of Thought Experiments 207–224

Discussion:

CHRISTOPHER D. HORVATH / Discussion: Phylogenetic Species Concept: Pluralism, Monism, and History 225–232

Reviews:

BARRY ALLEN / Knowledge and Adaptation 233–241

JEAN LACHAPELLE / Explanation, Causation, and Evolution 243–257

GREGG MITMAN / The Biology of Peace 259–264

HENRY BYERLY / Darwin Reconstructed 265–273

MUHAMMAD ALI KHALIDI / Taxonomy: Psychological and Biological 275–280

HENRY PLOTKIN / For Want Of A Mechanism A Theory is Lost 281–287

Booknotes 289–295

Announcement 297

Volume 12 No. 3 July 1997

CECILIA M. HEYES / A Tribute to Donald T. Campbell 299–301

FREDERICK RAUSCHER / How a Kantian Can Accept Evolutionary Metaethics 303–326

CAMILO J. CELA-CONDE and GISÈLE MARTY / Mind Architecture and Brain Architecture 327–340

BRUCE N. WALLER / What Rationality Adds to Animal Morality 341–356

LEE MCINTYRE / Gould on Laws in Biological Science 357–367

WILLIAM A. ROTTSCHAEFER / Evolutionary Ethics: An Irresistible Temptation: Some Reflections on Paul Farber's *The Temptation of Evolutionary Ethics* 369–384

Discussion:

JAMES A. RYAN / Taking the 'Error' Out of Ruse's Error Theory 385–397

Reviews:

DAVID J. DEPEW / And Now for a Few Words from the Loyal Opposition... 399–402

LISA GANNETT / Tractable Genes, Entrenched Social Structures 403–419

PAUL E. GRIFFITHS / Darwin's Theory – The Semantic View 421–426

PAUL E. GRIFFITHS / A Sober View of Life 427–431

Letter:

JOHN DUPRÉ / Letter to the Editor 433–434

Booknotes 435–441

Announcements 443

Volume 12 No. 4 October 1997

ALEX ROSENBERG / Reductionism Redux: Computing the Embryo 445–470

PAUL. E. GRIFFITHS and RUSSELL D. GRAY / Replicator II – Judgement Day 471–492

MARC ERESHEFSKY / The Evolution of the Linnaean Hierarchy 493–519

Discussions:

CHRISTOPHER READ HITCHCOCK / Screening-off and Visibility to Selection 521–529

ROBERT N. BRANDON / Reply to Hitchcock 531–538

Reviews:

ELLIOTT SOBER / Is the Mind an Adaptation for Coping with Environmental Complexity? 539–550

KIM STERELNY / Where Does Thinking Come From? A Commentary on Peter Godfrey-Smith's *Complexity and the Function of Mind In Nature* 551–566

KAREN NEANDER / The Function of Cognition: Godfrey-Smith's Environmental Complexity Thesis 567–580

PETER GODFREY-SMITH / Replies to Sober, Sterelny and Neander 581–590

Booknotes 591–597

Index of Key Words 599–600

Volume Contents 601–604